

### ABSTRACT OF THE INVENTION

Compositions, methods and systems for treating disordered epithelial tissues, such as is caused by pathogens and/or by toxins produced thereby. The invention relates to the use of an anti-infective and/or antimicrobial active agent in a carrier, with vigorous agitation of the disordered epithelial tissue for topical treatment thereof under such conditions sufficient to achieve clinically discernable improvement of the disordered epithelial tissue. The preferred anti-infective and/or antimicrobial active agent comprises an organohalide, such as a quaternary ammonium halide compound, preferably benzalkonium chloride. The inventive compositions and methods may employ the use of an applicator adapted for use in promoting the penetration of the treatment composition and/or the vigorous agitation of the disordered tissue.